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	Filing Date		2003-11-20	
	First Named Inventor	Ispen et al.		
	Art Unit	1644		
	Examiner Name	N. M. Rooney		
	Attorney Docket Number	27554-0009002		

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	2	WIEDEMANN, P. et al., Molecular and Structural Analysis of a Continuous Birch Profilin Epitope Defined by a Monoclonal Antibody; The Journal of Biological Chemistry, Vol. 271, No. 47, pp. 29915-29921, (1996)	<input type="checkbox"/>
	3	SMITH, A. M. et al., Localization of antigenic sites on Der p 2 using oligonucleotide-directed mutagenesis targeted to predicted surface residues; Clinical and Experimental Allergy, Vol. 27, pp. 593-599, (1997)	<input type="checkbox"/>
	4	SPANGFORT, M. D. et al., Three-Dimensional Structure and Epitopes of Bet v 1; International Archive of Allergy and Immunology, Vol. 119, pp. 243-245, (1997)	<input type="checkbox"/>
	5	HOFFMAN, D. R. , Allergens in Hymenoptera venom XXV: The amino acid sequences of antigen 5 molecules and the structural basis of antigenic cross-reactivity; The Journal of Allergy and Clinical Immunology, Vol. 82, No. 5, pp. 706-716, (1993)	<input type="checkbox"/>
	6	BEEZHOLD, D. H. et al., IgE epitope analysis of the hevein preprotein; a major latex allergen; Clinical and Experimental Immunology, Vol. 108, pp. 114-121, (1997)	<input type="checkbox"/>
	7	TAKAI, T. et al., Engineering of the major house dust mite allergen Der f2 for allergen-specific immunotherapy; Nature Biotechnology, Vol. 15, pp. 754-758, (1997)	<input type="checkbox"/>
	8	FIEBIG, H., Immunologische Aspekte der spezifischen Immuntherapie (Hyposensibilisierung) Teil I: Die Steuerung de IgE-Synthese; Interdisciplinary Journal of Allergy and Environmental Medicine, pp. 3-12, (1995)	<input type="checkbox"/>
	9	BLASER, K., Immunologische Grundlagen der allergenspezifischen Immuntherapie, Zentrum Fur Rhinologie und Allergologie; Vol. 35, No. 5, pp. 217-222, (2009)	<input type="checkbox"/>
	10	KAHLERT, H. et al., Characterization of Hypoallergenic Recombinant Bet v 1 Variant as a Candidate for Allergen-Specific Immunotherapy; International Archives of Allergy and Immunology, Vol. 145, pp. 193-206, (2008)	<input type="checkbox"/>

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11	STANLEY, J. S. et al., Identification and Mutational Analysis of the Immunodominant IgE Binding Epitopes of the Major Peanut Allergen Ara h 2; Archives of Biochemistry and Biophysics, Vol. 342, No. 2; pp. 244-253, (1997)	<input type="checkbox"/>
12	SCHRAMM, et al., Sequenzspezifische Mutagenese des Graspollenallergens rPhl p 5b: Allergenvarianten mit reduzierter IgE-Reaktivität, aber konservierter T-Zell-Reaktivität, Mainzer Allergie-Workshop; Interdisciplinary Journal of Allergy and Environmental Medicine, Vol. 7, pp. 24, (1998)	<input type="checkbox"/>
13	COLOMBO, P. et al., Identification of an Immunodominant IgE Epitope of the Parietaria judaica major Allergen; The Journal of Immunology, Vol. 160, pp. 2780-2785, (1998)	<input type="checkbox"/>
14	YUSUKE, ABE et al., Epitope Analysis of Birch Pollen Allergen in Japanese Subjects; Journal of Clinical Immunology, Vol. 17, No. 6, pp. 485-493, (1997)	<input type="checkbox"/>
15	SPARHOLT, S. H. et al., Crossreactivity and T-cell epitope specificity of Bet v I-specific T cells suggest the involvement of multiple isoallergens in sensitization to birch pollen; Clinical and Experimental Allergy, Vol. 27, pp. 932-941, (1997)	<input type="checkbox"/>
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18	WESLEY BURKS, A. et al., Mapping and mutational analysis of the IgE-binding epitopes on Ara h 1, a legume vicilin protein and a major allergen in peanut hypersensitivity; Eur. J. Biochem., Vol. 245, pp. 334-339, (1997)	<input type="checkbox"/>
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22	IPSEN, H. et al., Specificity mapping of patients IgE response towards the tree pollen major allergens Aln g 1, Bet v 1 and Cor a 1; Clinical and Experimental Allergy, Vol. 22, pp. 391-399, (1992)	<input type="checkbox"/>
23	FERREIRA, F. et al., Modulation of IgE-Binding Properties of Tree Pollen Allergens by Site-Directed Mutagenesis; Advances in Experimental Medicine and Biology, Vol. 409, pp 127-135, (1996)	<input type="checkbox"/>
24	SMITH, A. M. et al., Recombinant allergens for immunotherapy: A Der p 2 variant with reduced IgE reactivity retains T-cell epitopes; J. Allergy Clin. Immunol., Vol. 101, No. 3, pp. 423-425, (1998)	<input type="checkbox"/>
25	FABER, C. et al., Secondary Structure and Tertiary Fold of the Birch Pollen Allergen Bet v 1 in Solution; The Journal of Biological Chemistry, Vol. 271, No. 32, pp. 19243-19250, (1996)	<input type="checkbox"/>
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27	SKOLNICK, J. et al., From genes to protein structure and function: novel applications of computational approaches in the genomic era; Tibtech, Vol. 18, pp. 34-39, (2000)	<input type="checkbox"/>
28	BLUMENTHAL, M. et al., Definition of an Allergen (Immunobiology); Allergens and Allergen Immunotherapy; pp. 37-50, (2004)	<input type="checkbox"/>
29	RAO, S., PV. et al., B- and T-cell epitopes of tropomyosin, the major shrimp allergen; Allergy, Vol. 53 (Suppl 46), pp. 44-47, (1998)	<input type="checkbox"/>
30	AALBERSE, R. C., Ph.D., Molecular mechanisms in allergy and clinical immunology; J. Allergy Clin. Immunol., Vol. 106, No. 2, pp. 228-238, (2000)	<input type="checkbox"/>
31	KING, T. P., et al., Structure and Biology of Stinging Insect Venom Allergens; International Archives of Allergy and Immunology, Vol. 123, pp. 99-106, (2000)	<input type="checkbox"/>
32	MULLER, W. D., et al., Mapping of T-cell epitopes of Phl p 5: evidence for crossreacting and non-crossreacting T-cell epitopes within Phl p 5 isoallergens; Clinical and Experimental Allergy, Vol. 28, pp. 1538-1548, (1998)	<input type="checkbox"/>

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33	SCHRAMM, G. et al., "Allergen engineering": variants of the grass pollen allergen rPh1 p 5b for efficient and safer allergen-specific immunotherapy; Oral Communication - Allergens, FC020, pp. 54-55, (1998)	<input type="checkbox"/>
34	SUPHIOGLU, C. et al., Molecular basis of IgE-recognition of Lol p 5, a major allergen of rye-grass pollen; Molecular Immunology, Vol. 35, pp. 293-305, (1998)	<input type="checkbox"/>
35	VALENTA, R., Genetically Engineered and Synthetic Allergen Derivatives: Candidates for Vaccination against Type 1 Allergy; Biol. Chem., Vol. 380, pp. 815-824, (1999)	<input type="checkbox"/>
36	MIRZA, O. et al., Dominant Epitopes and Allergic Cross-Reactivity: Complex Formation Between a Fab Fragment of a Monoclonal Murine IgG Antibody and the Major Allergen from Birch Pollen Bet v 1; Journal of Immunology, Vol. 165, No. 1, pp. 331-338	<input type="checkbox"/>
37	PUNNONEN, J., Molecular Breeding of Allergy Vaccines and Antiallergic Cytokines; International Archive of Allergy and Immunology, Vol. 121, pp. 173-182, (2000)	<input type="checkbox"/>
38	SPANGFORT, M. D., The Potential Use of Recombinant Allergens for Immunotherapy; J. Allergy Clin. Immunol., Vol. 105, No. 1, Part 2, pp. S169	<input type="checkbox"/>
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40	SINGH, M. B. et al., Genetically Engineered Plant Allergens with Reduced Anaphylactic Activity; International Archives of Allergy and Immunology, Vol. 119, pp. 75-85, (1999)	<input type="checkbox"/>
41	Notice of Opposition filed by Merck Patent GmbH in counterpart application EP99907345.5 (EP 1 062 341 B1) on September 17, 2008	<input type="checkbox"/>
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44	Observations on the opposition against EP 1 373 510 B1 by Merck Patent GmbH filed on March 31, 2010 on behalf of patentee Alk-Abello A/S	<input type="checkbox"/>
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